

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	92	((ANDERS) near2 (JOHANSSON)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:18
S2	5	((TOMMY) near2 (SUNDQVIST)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:19
S3	6	((AKE) near2 (OBERG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:20
S4	6	((AKE) near2 (OBERG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:20
S5	4	"6660001"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:21
S6	9	"6437856"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:29
S7	31	"6091984"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:33
S8	2	"20020051512"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:38
S9	0	measur\$4 tissue thickness with 2d two dimensional light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S10	0	measur\$4 tissue thickness with two dimensional light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S11	0	measur\$4 tissue thickness with light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S12	730	measur\$4 tissue thickness with two dimensional light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S13	438	measur\$4 tissue thickness with two dimensional light intensity detector\$1 and compar\$4 mean\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:02

S14	0	measur\$4 tissue thickness with two dimensional light intensity detector\$1 and compar\$4 mean\$1 and extract\$4 light\$1 from white light source	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:03
S15	227	measur\$4 tissue thickness with two dimensional light intensity detector\$1 and compar\$4 mean\$1 and white light source	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:03
S16	101	analyz\$4 tissue with infrared light\$1 intensity and probe tip with fiber bundle\$1	US-PGPUB; USPAT	AND	OFF	2009/01/22 14:39
S17	337	(assess\$4 bone thickness and light\$1) and (degree collagen fiber lineariz\$4)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:25
S18	25	(assess\$4 bone thickness and infrared light\$1)and (degree collagen fiber lineariz \$4)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:25
S19	0	(assess\$4 bone thickness with infrare white light\$1 spectrometer)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:27
S20	35	(assess\$4 bone thickness and infrared white light\$1 spectrometer) and (determin\$4 thickness with light\$1 intensity)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:28
S21	17	signal process\$4 with apply\$4 tissue thickness and fiber linearization	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:54
S22	0	(control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thic\$ness)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:55
S23	1	(control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:56

S24	13	(control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity and tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:56
S25	0	assess\$4 catilage bone thickness with infrared light and degree collagen fiber linearization	US-PGPUB; USPAT	AND	OFF	2009/01/22 21:25
S26	40687	multiplex\$5 and light \$4 intensity and reference	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:38
S27	382	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:39
S28	298	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness diagnos\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:39
S29	0	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:40
S30	87	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:40
S31	7	determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:54
S32	966	determin\$4 bone thickness with light\$4 intensity	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:57
S33	122	determin\$4 bone and cartilage thickness with light\$4 intensity	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:57
S34	0	600/476.ccls. and determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 18:09

S35	3028435	600/476.ccls. and determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:10
S36	3028439	600/473.ccls. and determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:10
S37	0	600/478.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/23 18:10
S38	0	600/478.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/23 18:11
S39	310	600/478.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:11
S40	236	600/477.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:11
S41	715	600/473.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:11
S42	0	measur\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 15:18

S43	0	measur\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:18
S44	167	measur\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:18
S45	167	measur\$4 cartilag\$3 thickness with light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:19
S46	101	((ANDERS) near2 (JOHANSSON)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:21
S47	50	((ANDERS) near2 (JOHANSSON)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/03 15:21
S48	5	((TOMMY) near2 (SUNDQVIST)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:21
S49	3	((TOMMY) near2 (SUNDQVIST)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/03 15:21
S50	6	((AKE) near2 (OBERG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:21
S51	0	((AKE) near2 (OBERG)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/03 15:21
S52	9074	measur\$4 cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:27
S53	0	measur\$4 cartilag\$3 thickness with light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:28
S54	292	measur\$4 cartilag\$3 thickness or collagen with polariz\$5 light\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:30

S55	139	measur\$4 cartilag\$3 thickness or collagen with polariz\$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:30
S56	0	measur\$4 (cartilag\$3 thickness or collagen ) with polariz\$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:30
S57	0	measur\$4 cartilag\$3 thickness with polariz \$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:38
S58	27	measur\$4 cartilag\$3 thickness with polariz \$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:38
S59	9074	measur\$4 cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:41
S60	131	measur\$4 cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:41
S61	7	measur\$4 cartilag\$3 thickness and polariz\$5 light\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:42
S62	0	measur\$4 polariz\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:44

S63	0	measur\$4 polari\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:44
S64	0	polari\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:45
S65	0	measur\$4 polariz\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:45
S66	248	measur\$4 polariz\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:45
S67	149	measur\$4 polari\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:45
S68	63	"6370422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:57
S69	3	"20010056237"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:57
S70	119	analyz\$4 cartilag\$3 thickness\$2 with light intensit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 16:28

S71	181	cartilag\$3 thickness\$2 with light intensit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 16:34
S72	98	cartilag\$3 thickness\$2 with light intensit\$3 and collagen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 16:34
S73	8	cartilag\$3 with light intensit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 16:35
S74	0	determin\$4 cartilag\$3 thickness and light intensit\$4	US-PGPUB; USPAT	ADJ	OFF	2009/09/03 16:41
S75	0	determin\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	ADJ	OFF	2009/09/03 16:41
S76	0	determin\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	WITH	OFF	2009/09/03 16:41
S77	170	determin\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:41
S78	1324	analyz\$4 light intensit \$4 with calculat\$4 and (cartilage thickness or collagen )	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:50
S79	1324	analyz\$4 light intensit \$4 with calculat\$4 (cartilage thickness or collagen )	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:50
S80	213	analyz\$4 light intensit \$4 with calculat\$4 (cartilage thickness or collagen ) and polariz \$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:51
S81	2	analyz\$4 light intensit \$4 with calculat\$4 cartilage thickness with collagen and polariz\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:53
S82	36	analyz\$4 light intensit \$4 with calculat\$4 cartilage thickness and polariz\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:53



S83	5596	calculat\$4 cartilage thickness	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:57
S84	23	calculat\$4 cartilage thickness	US-PGPUB; USPAT	WITH	OFF	2009/09/03 16:57
S85	83	"5280788"	US-PGPUB; USPAT	OR	OFF	2009/09/13 16:01
S86	12	measur\$4 bone thickness	US-PGPUB; USPAT	ADJ	OFF	2009/09/13 16:02
S87	0	measur\$4 bone thickness with light\$1	US-PGPUB; USPAT	ADJ	OFF	2009/09/13 16:03
S88	1424	measur\$4 bone thickness with light\$1	US-PGPUB; USPAT	AND	OFF	2009/09/13 16:03
S89	196	measur\$4 bone and cartilage thickness with light\$1	US-PGPUB; USPAT	AND	OFF	2009/09/13 16:03
S90	247	measur\$4 cartilage thickness with light\$1	US-PGPUB; USPAT	AND	OFF	2009/09/13 20:45

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